

NWS FORM E-5 (11-88) (PRES. BY WSOM E-41)	U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE	HYDROLOGIC SERVICE AREA (HSA) WFO Jackson, Mississippi
MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS		REPORT FOR: MONTH YEAR August 2001
TO: Hydrometeorological Information Center, W/OH2 NOAA / National Weather Service 1325 East West Highway, Room 7230 Silver Spring, MD 20910-3283		SIGNATURE Jim Stefkovich, MIC In Charge of HSA DATE September 10th, 2001

When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (WSOME-41)

Warm, moist air remained anchored over the Jackson HSA during the month of August. Rainfall was above normal over much of the Jackson HSA, particularly over southern portions of northeast Louisiana and central and southern Mississippi. An area of heavy rainfall remained stationary from Jackson, MS to near Monticello, MS during the morning and early afternoon of the 12th. This rainfall caused significant sharp rises on the middle and lower Pearl River basin where river forecast points exceeded flood stage. Flash flooding occurred in the downtown Jackson and Richland, MS areas. Rainfall amounts exceeded 9 inches over the middle Pearl River basin.

The heaviest rainfall totals for the month in the HSA included 13.71 inches at the Pearl River gage at Jackson, 13.66 inches at Rockport, MS, 10.32 inches at Prentiss, MS, and 10.27 inches at Winnsboro, LA.

Here at the WFO, the monthly rainfall was 4.71 inches, which was 0.94 inches above normal. Our total for the calendar year ending August 31st stands at 45.76 inches, which is 7.92 inches above normal.

Most rivers in the HSA were running above normal for this time of year.

A rise on the Mississippi River during early August resulted in above normal stages; however, since then, the river has fallen well below average stages for late August. The provisional high and low stages for August are listed below:

<u>Location</u>	<u>High Stage(ft)</u>	<u>Date</u>	<u>Low Stage(ft)</u>	<u>Date</u>
Arkansas City, AR	13.09	8/09	1.23	8/29
Greenville, MS	24.94	8/09	12.88	8/29
Vicksburg, MS	18.07	8/10	5.41	8/30
Natchez, MS	24.10	8/11	12.22	8/31

Flood Warnings (FLW'S) issued: 3
Flood Statements (FLS'S) issued: 15
Daily Rainfall Reports (RRA'S) issued 31
Daily River Forecasts (RVS'S) issued 31
Daily River Stages (RVA'S) issued 31

Marty V. Pope
Service Hydrologist

*cc: USCE Mobile District
USCE Vicksburg District
USGS Jackson District
SRH HSD
LMRFC*